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Customer Number

Patent  
Case No.: 59072US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: BEDINGHAM, WILLIAM  
Application No.: 10/734682 Confirmation No.: 1223  
Filed: December 12, 2003  
Title: SAMPLE MIXING ON A MICROFLUIDIC DEVICE

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**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

- ☒ transmitted to United States Patent and Trademark Office on the date shown below via the Office electronic filing system.

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 21, 2010 /Amber Veenendaal/  
Date Signed by: Amber Veenendaal

Dear Sir:

This communication is in response to the outstanding Office Action, dated January 21, 2010, in the above-identified application, and is further in response to the in-person Examiner's Interview on April 8, 2010 between Examiner Jyoti Nagpaul and the Applicants' undersigned Representative, Nicole Einerson.

**Amendments to the Specification** begin on page 3 of this communication.

**Amendments to the Claims** are reflected in the listing of the claims which begins on page 4 of this communication.

**Remarks** begin on page 9 of this communication.

Fees

- ☒ Any required fee will be made at the time of submission via EFS-Web. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.17 which may be required to Deposit Account No. 13-3723.
- ☒ Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
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